

Serial No. 10/517,302

Docket No. SAK-37

Amendment

Responsive to Office Action dated July 10, 2007

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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims:

1. (Canceled)

2. (Currently Amended) A coaxial cable with a plug, comprising ~~an external conductor allowing an insulator to intervene on a periphery of a central conductor, a coaxial cable and a plug comprising a central contact electrically connected to an end of the coaxial cable, said central conductor and an external contact electrically connected to said external conductor, wherein~~
said plug comprises including:
~~a contact portion comprising said central contact and said external contact, with said central contact and said external contact having a coaxial structure, having a central contact generally in the form of a rod and an external contact generally in tubular form, the center contact and the external contact being disposed so as to form a coaxial structure; and~~
~~a main body unit portion having a central conductor conducting connecting member which electrically connecting connects said central contact and a said central conductor of said coaxial cable to each other, and~~
~~an external conductor connecting member which electrically connecting connects said the external contact and said an external conductor of said coaxial cable to each other, and an~~

Serial No. 10/517,302

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~~insulating member electrically insulating said central conductor connecting member and said external conductor connecting member, with said central conductor connecting member and said external conductor connecting member having a coaxial structure,~~

wherein electrical connection between said central contact and said central conductor connecting member and electrical connection between said external contact and said outer conductor connecting member are made in such a manner that said electrical connections are maintained when said contact portion is rotated, relative to said external conductor connecting member, on a rotation axis perpendicular to an axial direction of the central contact, and said external contact and said external conductor connecting members being respectively electrically connected to each other in rotation about a rotational axis in one common direction, said contact portion being able to rotate on said rotational axis at a connection to said main body unit, and

wherein when said contact portion is rotated on the rotation axis, the coaxial structure about the connection between said center contact and said central conductor connecting member is maintained before, after and during the rotation the coaxial structure in said contact portion, the coaxial structure in the main body unit and the coaxial structure around said central contact and said central conductor connecting portion being maintained when said contact portion is rotated about said rotational axis.

3. (Currently Amended) The coaxial cable with a plug according to claim 2, wherein said external contact has in an outer peripheral surface of a tubular conductor, a pair of projections

Serial No. 10/517,302

Docket No. SAK-37

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which function as supporting points on which the rotation on the rotation axis is performed,
one of the projections having a opening via which communication is provided between the
outside and the inside of said tubular conductor at a position through which the rotation axis
extends, and

wherein a portion of said central contact connected to said central conductor connecting
member is bent toward said projection having the opening, and said center contact is supported
so that the bent portion coincides with the rotation axis is electrically connected to said external
conductor connecting member at one end of said cylindrical conductor portion, and said
external contact includes a pair of protrusions which support said external contact for rotation
on said rotational axis with respect to said external conductor connecting member, and said
central contact has a connection portion formed by a portion of said external contact that is bent
at one end and extends in alignment with said rotational axis to connect with said central
conductor connecting member on said rotational axis.

4. (Currently Amended) The coaxial cable with a plug according to claim 2-3, wherein a portion of said external conductor connecting member connected to said external contact is constituted by two or more conductor parts, and wherein when the two or more conductor parts are combined, a pair of supporting and fixing portions to be engaged with a pair of projections of said external contact are formed. Said external conductor connecting member receives said protrusions of said external conductor connecting member and said central conductor connecting member passes through said external conductor connecting member along said axis of rotation.

12-10-'07 16:45 FROM-Mattingly,Stanger

703-684-1157

T-730 P009/016 F-874

Serial No. 10/517,302

Docket No. SAK-37

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5 - 7. (Canceled)